

What is claimed is:

1. An insulation package comprising:

a plurality of resilient fibrous insulation batts; each of the resilient fibrous insulation batts having a length, a width and a thickness; each of the resilient fibrous insulation batts having a first major surface and a second major surface; the resilient fibrous insulation batts being enveloped within a covering; the resilient fibrous insulation batts including uncut fibrous insulation batts and pre-cut fibrous insulation batts;

each of the pre-cut fibrous insulation batts having a plurality of longitudinally extending batt sections formed in the pre-cut fibrous insulation batt by a plurality of longitudinally extending cut means spaced inwardly from lateral edges of the fibrous insulation batt and located intermediate the batt sections of the fibrous insulation batt; each of the cut means being closed to prevent a formation of thermal bridges in the direction of the thickness of the fibrous insulation batt; and the batt sections being separably joined to adjacent batt sections by separable connector means, extending along the length of the pre-cut fibrous insulation batt, for holding the pre-cut fibrous insulation batt together for handling and being separable by hand to separate adjacent batt sections whereby the pre-cut fibrous insulation batt can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or separated by hand into batt sections at one or more of the separable connector means for insulating a cavity having a lesser width; and

between 20% and 70% of the resilient fibrous insulation batts being the pre-cut fibrous insulation batts.

2. The insulation package according to claim 1, wherein:

each of the resilient fibrous insulation batts is between about 9 inches and 25 inches in width; and successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths such that, by separating at least one of the batt sections from the pre-cut fibrous insulation batt, an integral batt can be formed having any of a series of selected widths that range from a width of about 1 to 3 inches to a greater width less than the width of the pre-cut fibrous insulation batt and that differ in width in increments that are between about 1 inch and about 4 inches in width.

3. The insulation package according to claim 2, wherein:

each of the resilient fibrous insulation batts is about 15 inches in width; and the successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths of about 2 ½, 4, 4, and 4 ½ inches.

4. The insulation package according to claim 2, wherein:

each of the resilient fibrous insulation batts is about 23 inches in width; and the successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths of about 3 ½, 4, 4, and 11 ½ inches.

5. The insulation package according to claim 2, wherein:

each of the resilient fibrous insulation batts is about 23 inches in width; and the successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths of about 3, 4, 4, 3, 4 and 5 inches.

6. The insulation package according to claim 2, wherein:

each of the resilient fibrous insulation batts is a resilient glass fiber insulation batt; the density of each of the resilient fibrous insulation batts is between about 0.4 pounds/ft³ and about 1.5 pounds/ft³; the length of each of the resilient fibrous insulation batts is at least 46 inches; the thickness of each of the fibrous insulation batts is at least 3 inches.

7. The insulation package according to claim 1, wherein:

a facing sheet overlies and is bonded to the first major surface of each of the resilient fibrous insulation batts; and each of the facing sheets overlying and bonded to one of the pre-cut fibrous insulation batts has a separable means therein extending for the length of the pre-cut fibrous insulation batt for permitting the facing sheet to be separated by hand along the length of the separable connector means of the pre-cut fibrous insulation batt whereby the pre-cut fibrous insulation batt with the facing sheet can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or easily separated into sections by hand at one of the separable connector means of the pre-cut fibrous insulation batt and the separable means of the facing sheet for insulating a cavity having a width less than the width of the pre-cut fibrous insulation batt.

8. The insulation package according to claim 7, wherein:
the separable means of each of the facing sheets bonded to one of the pre-cut fibrous insulation batts are perforated lines in the facing sheet.

9. The insulation package according to claim 8, wherein:
perforations of each of the perforated lines of each of the facing sheets bonded to one pre-cut fibrous insulation batts are filled with a bonding agent that bonds the facing sheet to the first major surface of the pre-cut fibrous insulation batt to close the perforations so that the facing sheet functions as a vapor barrier.

10. The insulation package according to claim 9, wherein:
each of the facing sheets has a first pair of tabs, adjacent lateral edges of the first major surface of and extending along the length of the resilient fibrous insulation batt to which the facing sheet is bonded, for securing the resilient fibrous insulation batt to framing members; and

each of the facing sheets bonded to one of the pre-cut fibrous insulation batts has additional pairs of tabs, at least substantially aligned with the separable connector means of and extending along the length of the pre-cut fibrous insulation batt to which the facing sheet is bonded, for securing the batt sections of the pre-cut fibrous insulation batt to framing members; and each tab of each the additional pairs of tabs is joined to the other of the pair of tabs by one of the perforated lines.

11. The insulation package according to claim 1, wherein:
the separable connector means are formed in the pre-cut fibrous insulation batts by partial cuts in the pre-cut fibrous insulation batts, intermediate adjacent batt sections of the pre-cut fibrous insulation batt, that do not completely sever the batt between the adjacent batt sections; and the partial cuts are closed to prevent the formation of thermal bridges by the resilience of the pre-cut fibrous insulation batt.

12. The insulation package according to claim 1, wherein:
each of the cut means is a series of cuts passing from the first major surface to the second major surface of the pre-cut fibrous insulation batts; each of the separable connector means is a series of separable batt connectors separated and formed by the series of cuts; and the cuts are closed to prevent the formation of thermal bridges by the resilience of the pre-cut fibrous insulation batt.

16. The insulation package according to claim 13, wherein:

the successive batt sections have widths such that an integral batt can be formed having any of a series of selected widths that differ in width, predominately, in about 1 to about 2 inch increments.

17. A unitized insulation package comprising:

a plurality of insulation packages bound together as a unit; each of the insulation packages containing a plurality of resilient fibrous insulation batts; each of the resilient fibrous insulation batts having a length, a width and a thickness; each of the resilient fibrous insulation batts having a first major surface and a second major surface; the resilient fibrous insulation batts contained in a first set of the insulation packages being uncut resilient fibrous insulation batts and the resilient fibrous insulation batts contained in a second set of the insulation packages being pre-cut resilient fibrous insulation batts;

each of the pre-cut fibrous insulation batts contained in the second set of the insulation packages having a plurality of longitudinally extending batt sections formed in the pre-cut fibrous insulation batt by a plurality of longitudinally extending cut means spaced inwardly from lateral edges of the fibrous insulation batt and located intermediate the batt sections of the fibrous insulation batt; each of the cut means being closed to prevent a formation of thermal bridges in the direction of the thickness of the fibrous insulation batt; and the batt sections being separably joined to adjacent batt sections by separable connector means, extending along the length of the pre-cut fibrous insulation batt, for holding the pre-cut fibrous insulation batt together for handling and being separable by hand to separate adjacent batt sections whereby the pre-cut fibrous insulation batt can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or separated by hand into batt sections at one or more of the separable connector means for insulating a cavity having a lesser width; and

the second set of insulation packages being between 20% and 70% of the insulation packages in the unit.

18. The unitized insulation package according to claim 17, wherein:

each of the resilient fibrous insulation batts is between about 9 inches and 25 inches in width; and successive batt sections of the batt sections of each of the pre-

fibrous insulation batt whereby the pre-cut fibrous insulation batt with the facing sheet can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or easily separated into sections by hand at one of the separable connector means of the pre-cut fibrous insulation batt and the separable means of the facing sheet for insulating a cavity having a width less than the width of the pre-cut fibrous insulation batt.

24. The unitized insulation package according to claim 23, wherein:
the separable means of each of the facing sheets bonded to one of the pre-cut fibrous insulation batts are perforated lines in the facing sheet.

25. The unitized insulation package according to claim 24, wherein:
perforations of each of the perforated lines of each of the facing sheets bonded to one pre-cut fibrous insulation batts are filled with a bonding agent that bonds the facing sheet to the first major surface of the pre-cut fibrous insulation batt to close the perforations so that the facing sheet functions as a vapor barrier.

26. The unitized insulation package according to claim 25, wherein:
each of the facing sheets has a first pair of tabs, adjacent lateral edges of the first major surface of and extending along the length of the resilient fibrous insulation batt to which the facing sheet is bonded, for securing the resilient fibrous insulation batt to framing members; and

each of the facing sheets bonded to one of the pre-cut fibrous insulation batts has additional pairs of tabs, at least substantially aligned with the separable connector means of and extending along the length of the pre-cut fibrous insulation batt to which the facing sheet is bonded, for securing the batt sections of the pre-cut fibrous insulation batt to framing members; and each tab of each the additional pairs of tabs is joined to the other of the pair of tabs by one of the perforated lines.

27. The unitized insulation package according to claim 17, wherein:
the separable connector means are formed in the pre-cut fibrous insulation batts by partial cuts in the pre-cut fibrous insulation batts intermediate adjacent batt sections of the pre-cut fibrous insulation batt and the partial cuts are closed to prevent the formation of thermal bridges by the resilience of the pre-cut fibrous insulation batt.

28. The unitized insulation package according to claim 17, wherein:

each of the cut means is a series of cuts passing from the first major surface to the second major surface of the pre-cut fibrous insulation batts; each of the separable connector means is a series of separable batt connectors separated and formed by the series of cuts; and the cuts are closed to prevent the formation of thermal bridges by the resilience of the pre-cut fibrous insulation batt.

29. The unitized insulation package according to claim 28, wherein:

each of the resilient fibrous insulation batts is between about 9 inches and 25 inches in width; and successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths such that, by separating at least one of the batt sections from the pre-cut fibrous insulation batt, an integral batt can be formed having any of a series of selected widths that range from a width of about 1 to 3 inches to a greater width less than the width of the pre-cut fibrous insulation batt and that differ in width in increments that are between about 1 inch and about 4 inches in width.

30. The unitized insulation package according to claim 29, wherein:

each of the resilient fibrous insulation batts is a resilient glass fiber insulation batt; the density of each of the resilient fibrous insulation batts is between about 0.4 pounds/ft³ and about 1.5 pounds/ft³; the length of each of the resilient fibrous insulation batts is at least 46 inches; the thickness of each of the fibrous insulation batts is at least 3 inches.

31. The unitized insulation package according to claim 29, wherein:

a facing sheet overlies and is bonded to the first major surface of each of the resilient fibrous insulation batts; and each of the facing sheets overlying and bonded to one of the pre-cut fibrous insulation batts has a separable means therein extending for the length of the pre-cut fibrous insulation batt for permitting the facing sheet to be separated by hand along the length of the separable connector means of the pre-cut fibrous insulation batt whereby the pre-cut fibrous insulation batt with the facing sheet can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or easily separated into sections by hand at one of the separable connector means of the pre-cut fibrous insulation batt and the separable

34. The pre-cut fibrous insulation batt according to claim 33, wherein:
the pre-cut fibrous insulation batt is about 15 inches in width and the successive batt sections of the batt sections of the pre-cut fibrous insulation batt have widths of about 2 ½, 4, 4, and 4 ½ inches.

35. The pre-cut fibrous insulation batt according to claim 33, wherein:
the pre-cut fibrous insulation batt is about 23 inches in width and the successive batt sections of the batt sections of the pre-cut fibrous insulation batt have widths of about 3 ½, 4, 4, and 11 ½ inches.

36. The pre-cut fibrous insulation batt according to claim 33, wherein:
the pre-cut fibrous insulation batt is about 23 inches in width and the successive batt sections of the batt sections of the pre-cut fibrous insulation batt have widths of about 3, 4, 4, 3, 4 and 5 inches.

37. The pre-cut fibrous insulation batt according to claim 33, wherein:
the resilient fibrous insulation batt is a resilient glass fiber insulation batt; the density of the resilient fibrous insulation batt is between about 0.4 pounds/ft³ and about 1.5 pounds/ft³; the length of the resilient fibrous insulation batt is at least 46 inches; the thickness of the fibrous insulation batt is at least 3 inches.

38. The pre-cut fibrous insulation batt according to claim 33, wherein:
a facing sheet overlies the first major surface of the fibrous insulation batt and is bonded to the first major surface of the fibrous insulation batt; and the facing sheet has a separable means therein extending for the length of the fibrous insulation batt for permitting the facing sheet to be separated by hand along the length of the separable connector means of the fibrous insulation batt whereby the fibrous insulation batt with the facing sheet can be handled as a unit for insulating a cavity having a width about equal to the width of the fibrous insulation batt or easily separated into sections by hand at the first separable connector means of the fibrous insulation batt and the separable means of the facing sheet for insulating a cavity having a width less than the width of the fibrous insulation batt.

39. The pre-cut fibrous insulation batt according to claim 38, wherein:
the separable means of the facing sheet is a perforated line in the facing sheet.

40. The pre-cut fibrous insulation bat according to claim 39, wherein:
perforations of the perforated line are filled with a bonding agent that bonds the facing sheet to the first major surface of the resilient fibrous insulation batt to close the perforations so that the facing sheet functions as a vapor barrier.

41. The pre-cut fibrous insulation batt according to claim 39, wherein:
the facing sheet has a first pair of tabs, adjacent lateral edges of the first major surface of the resilient fibrous insulation batt, which extend along the length of the resilient fibrous insulation batt, for securing the resilient fibrous insulation batt to framing members; and

the facing sheet has additional pairs of tabs, at least substantially aligned with the separable connector means of and extending along the length of the fibrous insulation batt, for securing the batt sections of the resilient fibrous insulation batt to framing members; and each tab of each of the additional pairs of tabs is joined to the other tab of the pair of tabs by the perforated line.

42. The pre-cut fibrous insulation batt according to claim 33, wherein:
the successive batt sections have widths such that an integral batt can be formed having any of a series of selected widths that differ in width, predominately, in about 1 to about 2 inch increments.

43. The pre-cut fibrous insulation batt according to claim 33, wherein:
the separable connector means are formed in the pre-cut fibrous insulation batts by partial cuts in the pre-cut fibrous insulation batts, intermediate adjacent batt sections of the pre-cut fibrous insulation batt, that do not completely sever the batt between the adjacent batt sections; and the partial cuts are closed to prevent the formation of thermal bridges by the resilience of the pre-cut fibrous insulation batt.

44. The pre-cut fibrous insulation batt according to claim 43, wherein:
the pre-cut fibrous insulation batt is about 15 inches in width and the successive batt sections of the batt sections of the pre-cut fibrous insulation batt have widths of about 2 ½, 4, 4, and 4 ½ inches.

45. The pre-cut fibrous insulation batt according to claim 43, wherein:
the pre-cut fibrous insulation batt is about 23 inches in width and the successive batt sections of the batt sections of the pre-cut fibrous insulation batt have widths of about 3 ½, 4, 4, and 11 ½ inches.

46. The pre-cut fibrous insulation batt according to claim 43, wherein:
the pre-cut fibrous insulation batt is about 23 inches in width and the successive batt sections of the batt sections of the pre-cut fibrous insulation batt have widths of about 3, 4, 4, 3, 4 and 5 inches.

47. The pre-cut insulation batt according to claim 43, wherein:
the resilient fibrous insulation batt is a resilient glass fiber insulation batt; the density of the resilient fibrous insulation batt is between about 0.4 pounds/ft³ and about 1.5 pounds/ft³; the length of the resilient fibrous insulation batt is at least 46 inches; the thickness of the fibrous insulation batt is at least 3 inches.

48. The pre-cut fibrous insulation batt according to claim 43, wherein:
a facing sheet overlies the first major surface of the fibrous insulation batt and is bonded to the first major surface of the fibrous insulation batt; and the facing sheet has a separable means therein extending for the length of the fibrous insulation batt for permitting the facing sheet to be separated by hand along the length of the separable connector means of the fibrous insulation batt whereby the fibrous insulation batt with the facing sheet can be handled as a unit for insulating a cavity having a width about equal to the width of the fibrous insulation batt or easily separated into sections by hand at the first separable connector means of the fibrous insulation batt and the separable means of the facing sheet for insulating a cavity having a width less than the width of the fibrous insulation batt.

49. The pre-cut fibrous insulation batt according to claim 48, wherein:
the separable means of the facing sheet is a perforated line in the facing sheet.

50. The pre-cut fibrous insulation bat according to claim 49, wherein:
perforations of the perforated line are filled with a bonding agent that bonds the facing sheet to the first major surface of the resilient fibrous insulation batt to close the perforations so that the facing sheet functions as a vapor barrier.

51. The pre-cut fibrous insulation batt according to claim 49, wherein:

the facing sheet has a first pair of tabs, adjacent lateral edges of the first major surface of the resilient fibrous insulation batt, which extend along the length of the resilient fibrous insulation batt, for securing the resilient fibrous insulation batt to framing members; and

the facing sheet has additional pairs of tabs, at least substantially aligned with the separable connector means of and extending along the length of the fibrous insulation batt, for securing the batt sections of the resilient fibrous insulation batt to framing members; and each tab of each of the additional pairs of tabs is joined to the other tab of the pair of tabs by the perforated line.

52. The pre-cut fibrous insulation batt according to claim 43, wherein:

the successive batt sections have widths such that an integral batt can be formed having any of a series of selected widths that differ in width, predominately, in about 1 to about 2 inch increments.

53. The pre-cut fibrous insulation batt according to claim 33, wherein:

each of the cut means is a series of cuts passing from the first major surface to the second major surface of the pre-cut fibrous insulation batts; each of the separable connector means is a series of separable batt connectors separated and formed by the series of cuts; and the cuts are closed to prevent the formation of thermal bridges by the resilience of the pre-cut fibrous insulation batt.

54. The pre-cut fibrous insulation batt according to claim 53, wherein:

the pre-cut fibrous insulation batt is about 15 inches in width and the successive batt sections of the batt sections of the pre-cut fibrous insulation batt have widths of about 2 ½, 4, 4, and 4 ½ inches.

55. The pre-cut fibrous insulation batt according to claim 53, wherein:

the pre-cut fibrous insulation batt is about 23 inches in width and the successive batt sections of the batt sections of the pre-cut fibrous insulation batt have widths of about 3 ½, 4, 4, and 11 ½ inches.

56. The pre-cut fibrous insulation batt according to claim 53, wherein:
the pre-cut fibrous insulation batt is about 23 inches in width and the successive batt sections of the batt sections of the pre-cut fibrous insulation batt have widths of about 3, 4, 4, 3, 4 and 5 inches.

57. The pre-cut insulation batt according to claim 53, wherein:
the resilient fibrous insulation batt is a resilient glass fiber insulation batt; the density of the resilient fibrous insulation batt is between about 0.4 pounds/ft³ and about 1.5 pounds/ft³; the length of the resilient fibrous insulation batt is at least 46 inches; the thickness of the fibrous insulation batt is at least 3 inches.

58. The pre-cut fibrous insulation batt according to claim 33, wherein:
a facing sheet overlies the first major surface of the fibrous insulation batt and is bonded to the first major surface of the fibrous insulation batt; and the facing sheet has a separable means therein extending for the length of the fibrous insulation batt for permitting the facing sheet to be separated by hand along the length of the separable connector means of the fibrous insulation batt whereby the fibrous insulation batt with the facing sheet can be handled as a unit for insulating a cavity having a width about equal to the width of the fibrous insulation batt or easily separated into sections by hand at the first separable connector means of the fibrous insulation batt and the separable means of the facing sheet for insulating a cavity having a width less than the width of the fibrous insulation batt.

59. The pre-cut fibrous insulation batt according to claim 58, wherein:
the separable means of the facing sheet is a perforated line in the facing sheet.

60. The pre-cut fibrous insulation bat according to claim 59, wherein:
perforations of the perforated line are filled with a bonding agent that bonds the facing sheet to the first major surface of the resilient fibrous insulation batt to close the perforations so that the facing sheet functions as a vapor barrier.

61. The pre-cut fibrous insulation batt according to claim 59, wherein:
the facing sheet has a first pair of tabs, adjacent lateral edges of the first major surface of the resilient fibrous insulation batt, which extend along the length of the resilient fibrous insulation batt, for securing the resilient fibrous insulation batt to framing members; and

